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COST OF PRODUCING IRRIGATED CORN

23 Phelps County Farms

Tri-County Irrigated Area

1944

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This report has been prepared by members of
the Department of Rural Economics and the Agri-
cultural Extension Service with the aid of the
cooperating county extension agents and farmers.

Nebraska
COOPERATIVE EXTENSION WORK
IN AGRICULTURE AND HOME ECONOMICS
U. of N. Agr. College and U. S. Dept. of Agr. Cooperating
W. H. Brokaw, Director
Lincoln, Nebraska

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COST AND PRODUCTION REQUIREMENTS

Of Irrigated Corn in the Tri-County Area for 1944.

Records on the cost of growing corn, under irrigation in the Tri-County Area, were secured from 23 corn growers in Phelps County for the year, 1944. The purpose of these records was to determine the man and power hours and the cost of producing corn.

These corn cost studies show; the average man, horse and tractor hours and the costs of labor, power, equipment, irrigation, seed and other costs to produce and harvest corn.

The cost of tractor power and the cost of machinery used in this study is the same as that which appears in Nebraska bulletin 324, "The Cost of Operating Farm Machinery in Nebraska". Unpaid family labor was charged at \$.60 per hour and board for hired labor at \$1.00 per day, in 1944. The production costs determined are those required to put the corn in the crib.

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Table 1. Cost of producing irrigated corn on 23 Phelps County farms in 1944.

Item	Your farm	Average of 23 farms
Number of farms		23
Labor and power per acre: Hours		
For tillage		
Man		3.73
Horse	6-	2.89
Tractor	22-	3.02
For irrigating		
Man		3.00
Horse		--
Tractor	20-	.38
For Husking		
Man		3.13
Horse	8-	8.07
Tractor	18-	1.80
Total		
Man		9.80
Horse, tillage	6-	2.89
harvest	8-	8.07
	14-	\$10.96
Tractor		4.77
Cost per acre		
Man labor		6.45
Power		3.31
Equipment		2.51
Water		2.79
Irrigation equipment		.35
Seed and miscellaneous		.97
Total cost per acre		\$16.38
Number of acres		1,533
Yield per acre: Bushels		
Total yield		49.8
Tenants share		32.8
Cost per bushel		.494

Footnotes:

* The figures in this column are the number of farms using horses or tractors.

** Bushel costs include a land charge, acre costs do not.